

# All Other Nonmetallic Mineral Mining: 2002

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## 2002 Economic Census

### *Mining*

#### Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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Table 1. **Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Companies <sup>1</sup>	All estab-lish-ments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expendi-tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212399, All other nonmetallic mineral mining ..... 2002... 1997..	218 180	242 211	4 005 3 960	151 388 137 393	3 106 3 019	6 177 6 188	109 952 97 325	559 707 449 787	229 650 266 879	706 425 614 147	43 653 102 519

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States and Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212399, All other nonmetallic mineral mining												
United States .....	1	242	53	4 005	151 388	3 106	6 177	109 952	559 707	229 650	706 425	43 653
Georgia .....	—	6	3	170	6 598	123	247	4 775	24 542	7 430	28 553	3 240
Nevada .....	—	7	4	390	10 955	355	718	9 485	46 506	15 771	59 876	1 622
New York .....	—	10	4	391	16 202	262	496	10 280	54 721	20 849	70 899	3 301
Oregon .....	—	9	2	141	4 580	117	221	3 653	25 111	8 204	31 736	1 026

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
212399, All other nonmetallic mineral mining	
Companies <sup>1</sup> .....	number.. 218
All establishments <sup>2</sup> .....	number.. 242
Establishments with 0 to 19 employees .....	number.. 189
Establishments with 20 to 99 employees .....	number.. 48
Establishments with 100 employees or more .....	number.. 5
All employees for pay period including March 12 .....	number.. 4 005
Total compensation .....	\$1,000.. 197 958
Annual payroll .....	\$1,000.. 151 388
Annual fringe benefits not included in payroll .....	\$1,000.. 46 570
Production, development, and exploration workers for pay period including March 12 .....	number.. 3 106
Production, development, and exploration worker annual hours .....	1,000.. 6 177
Production, development, and exploration worker annual wages .....	\$1,000.. 109 952
Total cost of supplies .....	\$1,000.. 229 650
Supplies used, minerals received, and purchased machinery installed .....	\$1,000.. 149 777
Resales .....	\$1,000.. 9 177
Purchased fuels consumed .....	\$1,000.. 31 269
Purchased electricity .....	\$1,000.. 29 453
Contract work .....	\$1,000.. 9 974
Quantity of electricity purchased .....	1,000 kWh.. 447 473
Quantity of electricity generated less sold .....	1,000 kWh.. 275
Total other expenses .....	\$1,000.. 21 871
Response coverage ratio <sup>3</sup> .....	percent.. 67
Communications services .....	\$1,000.. 1 468
Legal services .....	\$1,000.. 931
Accounting, auditing, and bookkeeping services .....	\$1,000.. 826
Advertising and promotional services .....	\$1,000.. 462
All other expenses (not included above) .....	\$1,000.. 18 184
Total value of shipments and receipts for services .....	\$1,000.. 706 425
Primary products value of shipments .....	\$1,000.. 674 632
Secondary products value of shipments and receipts for services .....	\$1,000.. 19 370
Value of resales .....	\$1,000.. 12 423
Value of primary products shipments or services produced in all industries .....	\$1,000.. 735 236
Value of primary products shipments or services produced in this industry .....	\$1,000.. 674 632
Value of primary products shipments or services produced in other industries .....	\$1,000.. 60 604
Value added .....	\$1,000.. 559 707
Total inventories, end of 2001 .....	\$1,000.. 93 771
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 56 600
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 37 171
Total inventories, end of 2002 .....	\$1,000.. 107 352
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 65 376
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 41 976
Gross book value of depreciable/depletable assets at beginning of year .....	\$1,000.. 962 406
Capital expenditures (except land and mineral rights) .....	\$1,000.. 43 653
Capital expenditures for buildings, structures, machinery, and equipment (new and used) .....	\$1,000.. 41 004
Capital expenditures for mineral exploration and development .....	\$1,000.. 2 649
Capital expenditures for mineral land and rights .....	\$1,000.. 941
Deductions from depreciable/depletable assets during year .....	\$1,000.. 14 422
Gross book value of depreciable/depletable assets at end of year .....	\$1,000.. 992 578
Total depreciation/depletion charges during year .....	\$1,000.. 63 723
Total rental payments during year .....	\$1,000.. 14 130
Buildings and other structures .....	\$1,000.. 1 555
Machinery and equipment .....	\$1,000.. 12 575
Lease rents .....	\$1,000.. 1 822
Expensed mineral exploration, development, land, and rights .....	\$1,000.. 17 777

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212399, All other nonmetallic mineral mining											
All establishments .....	1	242	4 005	151 388	3 106	6 177	109 952	559 707	229 650	706 425	43 653
Establishments with —											
0 to 4 employees .....	8	114	209	7 275	158	279	4 999	33 168	11 100	28 337	2 195
5 to 9 employees .....	4	38	254	9 187	181	365	6 301	38 367	15 898	37 813	3 370
10 to 19 employees .....	1	37	534	20 646	402	785	15 017	69 086	27 676	84 164	6 935
20 to 49 employees .....	3	31	936	32 414	723	1 473	22 646	108 965	48 364	140 064	10 467
50 to 99 employees .....	1	17	1 136	44 551	898	1 796	33 874	169 320	69 554	221 018	17 856
100 to 249 employees .....	—	4	f	D	D	D	D	D	D	D	D
250 to 499 employees .....	—	1	e	D	D	D	D	D	D	D	D
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>3</sup> .....	9	101	229	8 346	177	328	5 907	35 240	11 355	27 331	2 508

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Type of Operation: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments <sup>1</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212399, All other nonmetallic mineral mining									
All establishments .....	242	53	4 005	151 388	3 106	6 177	109 952	559 707	706 425
Producing establishments .....	241	53	h	D	3 106	6 177	109 952	559 707	706 425
Mines or wells only .....	7	2	128	5 622	87	184	3 717	23 257	27 629
Underground mines .....	—	—	—	—	—	—	—	—	—
Open-pit mines .....	7	2	128	5 622	87	184	3 717	23 257	27 629
Combination mines, well operations, or other types of mines .....	—	—	—	—	—	—	—	—	—
Mines with preparation plants .....	203	38	3 092	117 769	2 446	4 864	86 384	423 160	526 407
Underground mines .....	1	—	a	D	D	D	D	D	D
Open-pit mines .....	200	37	2 964	112 751	2 344	4 696	82 480	409 946	506 926
Combination mines or other types of mines .....	2	1	c	D	D	D	D	D	D
Separately operated preparation plants .....	6	1	b	D	53	105	1 427	3 305	5 487
Undistributed <sup>2</sup> .....	25	12	719	26 008	520	1 024	18 424	109 985	146 902
Nonproducing establishments .....	1	—	a	D	—	—	—	—	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products or Services Statistics: 2002 and 1997**

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212399	All other nonmetallic mineral mining .....	2002.. X 1997.. X	X X	735 236 637 868
2123992	Diatomite, crude and prepared .....	2002.. X 1997.. X	X X	230 642 N
21239921	Diatomite, crude and prepared .....	2002.. X 1997.. X	X X	230 642 N
2123992100	Diatomite, crude and prepared ..... 1,000 metric tons ..	2002.. 2 518.9 1997.. N	P2 521.1 N	230 642 N
2123994	Gypsum .....	2002.. X 1997.. X	X X	46 353 N
21239941	Gypsum .....	2002.. X 1997.. X	X X	46 353 N
2123994100	Gypsum ..... mil metric tons ..	2002.. 5.8 1997.. N	P3.7 N	46 353 N
2123996	Talc, soapstone, and pyrophyllite .....	2002.. X 1997.. X	X X	82 612 N
21239961	Talc, soapstone, and pyrophyllite .....	2002.. X 1997.. X	X X	82 612 N
2123996100	Talc, soapstone, and pyrophyllite ..... 1,000 metric tons ..	2002.. 878.6 1997.. N	P829.6 N	82 612 N
2123998	Other nonmetallic minerals .....	2002.. X 1997.. X	X X	306 784 N
21239981	Other nonmetallic minerals .....	2002.. X 1997.. X	X X	306 784 N
2123998112	Mica ..... 1,000 metric tons ..	2002.. 226.0 1997.. N	161.0 N	45 968 N
2123998121	Native asphalt and bitumens (except bituminous limestone and bituminous sandstone) ..... 1,000 metric tons ..	2002.. D 1997.. N	S N	22 170 N
2123998132	Pumice and pumicite ..... 1,000 metric tons ..	2002.. 1 183.5 1997.. N	978.6 N	24 412 N
2123998141	Natural abrasives, except sand ..... 1,000 metric tons ..	2002.. 47.6 1997.. N	48.4 N	17 187 N
2123998151	Peat ..... 1,000 metric tons ..	2002.. 427.1 1997.. N	S N	13 542 N
2123998162	Perlite ..... 1,000 metric tons ..	2002.. 806.2 1997.. N	S N	60 250 N
2123998171	Shell, crushed or broken ..... 1,000 metric tons ..	2002.. D 1997.. N	D N	D N
2123998192	All other nonmetallic minerals .....	2002.. X 1997.. X	X X	D N
212399W	All other nonmetallic mineral mining, nsk .....	2002.. X 1997.. X	X X	68 845 45 113
212399WY	All other nonmetallic mineral mining, nsk .....	2002.. X 1997.. X	X X	68 845 45 113
212399WYWT	All other nonmetallic mineral mining, nsk .....	2002.. X 1997.. X	X X	68 845 45 113

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2123992	Diatomite, crude and prepared	
	United States..... 2002..	230 642
	..... 1997..	N
	California..... 2002..	111 812
	..... 1997..	N
	Nevada..... 2002..	56 460
	..... 1997..	N
2123994	Gypsum	
	United States..... 2002..	46 353
	..... 1997..	N
	Michigan..... 2002..	7 223
	..... 1997..	N
2123996	Talc, soapstone, and pyrophyllite	
	United States..... 2002..	82 612
	..... 1997..	N
2123998	Other nonmetallic minerals	
	United States..... 2002..	306 784
	..... 1997..	N
	California..... 2002..	27 002
	..... 1997..	N
	New Mexico..... 2002..	18 641
	..... 1997..	N
	North Carolina..... 2002..	69 596
	..... 1997..	N
	Oregon..... 2002..	7 032
	..... 1997..	N
	Utah..... 2002..	22 970
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997**

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212399	All other nonmetallic mineral mining		
	Supplies consumed by type		
21239003	Crude minerals, received for preparation ..... mil metric tons (dry basis) ..2002..	S	13 666
	.....1997..	2	3 132
21239005	Crude minerals, mined and prepared at same establishment ..... mil metric tons (dry basis) ..2002..	6.9	X
	.....1997..	10.4	X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation .....2002..	X	51 032
	.....1997..	X	75 478
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment .....2002..	X	13 070
	.....1997..	X	19 059
32500073	Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories .....2002..	X	12 175
	.....1997..	X	4 642
32592001	Explosive materials (including ammonium nitrate) and blasting accessories .....2002..	X	2 129
	.....1997..	X	1 465
33120059	Steel shapes and forms (excluding castings and forgings) .....2002..	X	1 974
	.....1997..	X	877
00970098	All other supplies .....2002..	X	36 511
	.....1997..	X	52 731
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used .....2002..	X	19 220
	.....1997..	X	27 612
	Fuels consumed by type		
21211003	Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel ..... 1,000 s tons ..2002..	S	361
	.....1997..	D	D
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel .....1,000 bbl ..2002..	S	5 072
	.....1997..	174.1	6 116
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel .....1,000 bbl ..2002..	S	1 023
	.....1997..	54.6	1 199
21111015	Gas (natural, manufactured, and mixed) used as a fuel ..... bil cu ft ..2002..	66.2	18 317
	.....1997..	3.6	10 795
32411015	Gasoline used as a fuel ..... mil gal ..2002..	S	888
	.....1997..	1.1	1 299
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) .....2002..	X	934
	.....1997..	X	D
00974000	Undistributed fuels .....2002..	X	4 674
	.....1997..	X	7 189

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.